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(to be used for all correspondence after initial filing)

Application Number	10/781580
Filing Date	02/18/2004
First Named Inventor	Russell T. Nakano
Art Unit	not known
Examiner Name	not known
Total Number of Pages in This Submission: 63	Attorney Docket Number: 112003.P002

ENCLOSURES *(Check all that apply)*

- ☐ Fee Transmittal Form
- ☐ Fee Attached
- ☐ Amendment/Reply
- ☐ After Final
- ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☑ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/ Incomplete Application
- ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) _____
- ☐ After Allowance communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group **(Appeal Notice, Brief, Reply Brief)**
- ☐ Proprietary Information
- ☐ Status Letter
- ☑ Other Enclosure(s) (please identify below):

Please see remarks below.

Remarks

Page 1 - this page.
Page 2&3 - Information Disclosure Statement under 37 CFR 1.97
Pages 4 - SB08
Pages 5 - 63 IDS References

Email communication authorized to customer number 40418.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Alan Heimlich, Esq. / PTO Reg. 48808
Signature	Alan Heimlich — Digitally signed by Alan Heimlich DN: CN = Alan Heimlich, C = US, O = Heimlich Law
Date	12/14/2005

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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Typed or printed name	Alan Heimlich		
Signature	Alan Heimlich — Digitally signed by Alan Heimlich DN: CN = Alan Heimlich, C = US, O = Heimlich Law	Date	12/14/2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.	: 10/781580
Applicant	: Russell T. Nakano
Filed	: 02/18/2004
TC/A.U.	: not known
Examiner	: not known
Confirmation No.	: 3059
Docket No.	: 112003.P002

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of an Information Disclosure Statement by Applicant ("IDS") (Form PTO/SB/08A and 08B as required) together with copies of the cited documents. It is respectfully requested that the cited documents be considered by the Examiner and the IDS be initialed by the Examiner to indicate such consideration and that a copy of such be returned to Applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this IDS is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this IDS is material to patentability. This IDS is being submitted under:

37 C.F.R. §1.97(b)

[] (1) – i.e. within 3 mo of filing date of national ap (other than under 1.53(d))
[] (2) – i.e. within 3 mo of date of entry in national stage (international ap 1.491)
[X] (3) – i.e. before mailing of first Office Action on the merits
[] (4) – i.e. before mailing of first Office Action after filing RCE under 1.114

37 C.F.R. §1.97(c) – i.e. after time period of 1.97(b) and before an action closing prosecution (mailing date of final action 1.113, NOA 1.311, etc.) and is accompanied by:

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[] (1) – one of the statements of 1.97(e) below; OR

[] (2) – the fee set forth in 1.17(p) and enclosed.

37 C.F.R. §1.97(d) – i.e. after time period of 1.97(c) and IDS is filed on or before issue fee and is accompanied by:

[] (1) – one of the statements of 1.97(e) below; AND (2) – the fee set forth in 1.17(p) and enclosed.

37 C.F.R. §1.97(e) statement:

[] (1) That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; or

[] (2) That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

Respectfully submitted,

Dated: 12/14/2005

Digitally signed by Alan Heimlich
DN: CN = Alan Heimlich, C = US, O = Heimlich Law

Alan Heimlich / Reg. No. 48808
Customer No. 40418
Tel: +1 408 253 3860

PAGE 3/64 * RCVD AT 12/14/2005 4:59:40 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-6/30 * DNIS:2738300 * CSID:Fax * DURATION (mm-ss):72-26

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	10/781580
Filing Date	02/18/2004
First Named Inventor	Russell T. Nakano
Art Unit	not known
Examiner Name	not known
Attorney Docket Number	112003.P002

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		LI Y H ET AL : "Classification of text documents", COMPUTER JOURNAL. OXFORD UNIVERSITY PRESS, SURREY, GB, vol . 41, no . 8, 1998, pages 537-546, XP002116464 ISSN : 0010-4620 paragraph `05 .3!	
		FURNAS G W ED - CHIARAMELLA Y ASSOCIATION FOR COMPUTING MACHINERY : "INFORMATION RETRIEVAL USING A SINGULAR VALUEDECOMPOSITION MODEL OF LATENT SEMANTIC STRUCTURE" PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON RESEARCH AND DEVELOPMENT IN INFORMATION RETRIEVAL . (SIGIR) . GRENOBLE, JUNE 13 - 15, 1988, NEW YORK, ACM, US, vol . CONF . 11, 13 June 1988 (1988-06-13), pages 465-480, XP000295052 paragraph `02 .3! - paragraph `02 .4!	
		NICHOLAS C ET AL : "Spotting topics with the singular value decomposition" PRINCIPLES OF DIGITAL DOCUMENT PROCESSING . 4TH INTERNATIONAL WORKSHOP, PODDP'98 .PROCEEDINGS SPRINGER-VERLAG BERLIN, GERMANY, 29 March 1998 (1998-03-29), pages 82-91, XP008045764 ISBN : 3-540-65086-5 the whole document	
		BELLEGARDA J R : "Exploiting Latent Semantic Information in Statistical Language Modeling" PROCEEDINGS OF THE IEEE, IEEE . NEW YORK, US, vol . 88, no . 8, August 2000 (2000-08), pages 1279-1296, XP002219343 ISSN : 0018-9219 the whole document	
		BELLEGARDA J R ED - EUROPEAN SPEECH COMMUNICATION ASSOCIATION (ESCA) : "A LATENT SEMANTIC ANALYSIS FRAMEWORK FOR LARGE-SPAN LANGUAGE MODELING" 5TH EUROPEAN CONFERENCE ON SPEECH COMMUNICATION AND TECHNOLOGY . EUROSPEECH '97 . RHODES, GREECE, SEPT . 22 - 25, 1997, EUROPEAN CONFERENCE ON SPEECH COMMUNICATION AND TECHNOLOGY . (EUROSPEECH), GRENOBLE : ESCA, FR, vol . VOL . 3 OF 5, 22 September 1997 (1997-09-22), pages 1451-1454, XP001045096 the whole document	

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] Applicant's unique citation designation number (optional). [2] Applicant is to place a check mark here if English language Translation is attached.

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